

I. AMENDMENTS AND LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1 - 13 (Cancelled).

Claim 14 (Currently Amended): A pharmaceutical composition for alleviating or reducing fatigue and weakness associated with cancer and cancer chemotherapy consisting of: an effective amount of riboflavin; an effector of the urea cycle selected from the group consisting of arginine, ornithine ~~or~~ and citrulline and mixtures thereof; the amino acids alanine, glycine, serine, taurine, threonine, and valine; and a suitable solvent, diluent, excipient, or carrier, wherein the amino acids are present as free-form amino acids or as pharmacologically acceptable salts thereof.

Claim 15 (Previously Presented): The pharmaceutical composition of claim 14, wherein the effector of the urea cycle is in free form or a pharmacologically acceptable salt.

Claim 16 (Cancelled).

Claim 17 (Original): The pharmaceutical composition of claim 14, wherein the concentration of riboflavin is about 5 to about 300 mg/L.

Claim 18 (Previously Presented): The pharmaceutical composition of claim 14, wherein the concentration of the effector of the urea cycle is about 2 to about 120 mg/mL.

Claim 19 (Previously Presented): The pharmaceutical composition of claim 14, wherein the concentration of alanine is about 1 to about 90 mg/mL, the concentration of glycine is about 1 to about 75 mg/mL, the concentration of serine is about 1 to about 75 mg/mL, the concentration of taurine is about 0.5 to about 30 mg/mL, the concentration of threonine is about 1 to about 90 mg/mL and the concentration of valine is about 1 to about 50 mg/mL.

Claim 20 (Original): The pharmaceutical composition of claim 14, having a pH of about 6.0 to about 7.0.

Claim 21 (Cancelled).

Claim 22 (Original): The pharmaceutical composition of claim 14, consisting of riboflavin, arginine, alanine, glycine, serine, taurine, threonine, valine and a pharmaceutically-acceptable carrier or diluent.

Claim 23 (Previously Presented): The pharmaceutical composition of claim 22, wherein the concentration of riboflavin is about 5 to about 300 mg/L, the concentration of arginine is about 2 to about 120 mg/mL, the concentration of alanine is about 1 to about 90 mg/mL, the concentration of glycine is about 1 to about 75 mg/mL, the concentration of serine is about 1 to about 75 mg/mL, the concentration of taurine is about 0.5 to about 30 mg/mL, the concentration of threonine is about 1 to about 90 mg/mL and the concentration of valine is about 1 to about 50 mg/mL.

Claim 24 (Previously Presented): The pharmaceutical composition of claim 14, consisting of riboflavin, ornithine, alanine, glycine, serine, taurine, threonine, valine and a pharmaceutically-acceptable solvent, carrier, excipient, or diluent.

Claim 25 (Previously Presented): The pharmaceutical composition of claim 24, wherein the concentration of riboflavin is about 5 to about 300 mg/L, the concentration of ornithine is about 2 to about 120 mg/mL, the concentration of alanine is about 1 to about 90 mg/mL, the concentration of glycine is about 1 to about 75 mg/mL, the concentration of serine is about 1 to about 75 mg/mL, the concentration of taurine is about 0.5 to about 30 mg/mL, the concentration of threonine is about 1 to about 90 mg/mL and the concentration of valine is about 1 to about 50 mg/mL.

Claims 26 - 28 (Cancelled).

Claim 29 (Previously Presented): A pharmaceutical composition for alleviating or reducing fatigue and weakness associated with cancer and cancer chemotherapy consisting of: an effective amount of riboflavin; an effector of the urea cycle consisting of arginine ornithine, and mixtures thereof; the amino acids alanine, glycine, serine, threonine and valine; a suitable solvent, diluent, excipient, or carrier; and 3-phenylacetyl-amino-2,6-piperidinedione.

Claim 30 (Cancelled).

Claim 31 (Original): The pharmaceutical composition of claim 29, consisting of 0.01-10 % riboflavin, 1-15 % arginine, and 1-15 wt % ornithine, 1-15 wt % alanine, 1-15 wt % glycine, 1-15 wt % serine, 1-15 wt % threonine 1-15 wt % valine, and 25-75 wt % 3-phenylacetyl-amino-2,6-piperidinedione.